



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

East Chicago Sanitary District
Dr. Abderrahman Zehraoui, Director

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
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January 29, 2021

Natalie Maupin
Indiana Department of Environmental Management
Office of Water Quality-Mail Code 65-42
Compliance Evaluation Section-Pretreatment Group
100 North Senate
Indianapolis, IN 46204-2251

**RE: East Chicago Sanitary District
Quarterly Non-Compliance Pretreatment Report
4th Quarter of 2020**

To Natalie Maupin:

In accordance with Part III A (1) of the NPDES Permit No. 0022829, the East Chicago Sanitary District Pretreatment Staff has prepared and enclosed the Quarterly Non-Compliance Report for the 4th Quarter of 2020. Should you have any questions, please contact me at (219) 391-8466.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kenneth L. Myers".

Kenneth L. Myers

CC: Newton Ellens, USEPA
Abderrahman Zehraoui, Ph.D., Director of Utilities, ECSD

Encls.

EAST CHICAGO SANITARY DISTRICT
EAST CHICAGO, INDIANA
4th QUARTER
INDUSTRIAL NON-COMPLIANCE REPORT
2020

January 29, 2021

The District has a total of 22 permitted Industrial Users (IUs), eight which are categorized as Significant Industrial Users (SIUs). The eight SIU permittees consist of five Categorical Industrial Users (CIUs) [Outfall #312 ó Electric Coatings, Outfall #415 - TAC East Inc., Outfall #514 ó National Processing Corporation, Outfall #521 - Lakeshore Railcar Services, and Outfall #901 ó Safety Kleen] and three other IUs [Outfall #401 ó W. R. Grace, Outfall #936 ó US Steel Corporation, and Outfall #951 US Gypsum]. The discharge permit for Outfall #415 ó TAC East, Inc. has been suspended due to a fire at the facility in August 2019 and operations have been suspended ever since. Outfall #936 ó US Steel has also suspended operations at their facility.

Except for the permitted IUs involving groundwater remediation projects (Outfalls 112, 124 and 411), each of the permitted IUs are sampled on monthly basis, as a minimum. This compliance report covers the period from October 1 to December 31, 2020.

The permitted industrial users (IUs) were sampled by the District during this quarter on the dates listed below.

Outfall	Company	4th Quarter Sample Dates
112	GATX	10/6
124	Buckeye Pipeline	No sampling, no discharges
312	Electric Coatings	10/6, 10/20, 11/3 and 12/2
401	WR Grace	10/19, 11/3 and 12/9
411	USS Lead Site	No sampling, no discharges
415	TAC East	No Sampling. Discharge permit has been suspended as there was a fire at the facility on 8/24/19 and operations have temporarily ceased.
511	Green Lake Tube	10/14 and 12/3
514	National Processing	10/14 and 12/3
518	ICO Polymers	10/8, 11/4 and 12/8
521	Lakeshore Railcar	10/13, 10/28, 11/4 and 12/8
531	Praxair, Inc. Production	10/21, 11/12 and 12/2
541	Praxair, Inc. Rare Gases	10/21, 11/12 and 12/2
611	Arcelor Mittal-Research	10/5 and 12/8
804	Arcelor Mittal East	10/20, 11/9 and 12/7
805	Arcelor Mittal East	10/20, 11/9 and 12/7
901	Safety-Kleen	10/12, 10/27 and 11/5
931	Arcelor Mittal West	10/22
934	Arcelor Mittal West	10/22
935	Arcelor Mittal West	10/7 and 11/5
936	US Steel	No sampling, US Steel suspended operations at this facility
941	Praxair, Inc. HyCO	10/15 and 12/9
951	US Gypsum	10/27

No compliance monitoring was completed #124 Buckeye Pipeline, #411 USS Lead Site, #415 TAC East and #936 US Steel as there were no discharges from these facilities. Buckeye Pipeline #124 maintains a discharge permit for past dewatering and groundwater remediation projects and was not sampled during this period as there were no discharges. The #411 USS Lead site uses groundwater pumping to maintain hydraulic gradient controls at the remediation site and sampling is performed only periodically. The #415 TAC East facility ceased operations since a

fire occurred at their facility on August 24, 2019 and operations have not resumed. US Steel #936 ceased operations at their facility, has no discharges and thus no sampling was completed.

During the 4th quarter of 2020, three Industrial Users (IUs) experienced a total of seven violations with the following parameters and is summarized as follows:

East Chicago Sanitary District Compliance Status Report Report Date Range: 10/1/2020 - 12/31/2020				
Varnu	Variable	Violation	Limit Description	Limit
52411	312 Total Zinc (Zn) {mg/L}	1	Daily Maximum Limit	>2.61
62411	521 Total Zinc (Zn) {mg/L}	1	Daily Maximum Limit	>2.87
70161	901 FOG {mg/L}	1	Daily Maximum Limit	>117
70191	901 Amen. Cyanide {mg/L}	3	Daily Maximum Limit	>0.019
70461	901 Total Mercury (Hg) {mg/L}	1	Daily Maximum Limit	>0.00029
Total		7		

Safety-Kleen Systems, Outfall # 901, a CIU categorized as a CWT under 40 CFR 437.25, exceeded the available cyanide local limit on three occasions and total mercury and oil and grease on one occasion each. NOV letters for each occurrence were sent on October 28, November 13 and December 15, 2020. Each exceedance was assessed a fine of \$2,500, totaling \$12,500.

Violations for total zinc were noted at two IUs, Electric Coatings (#312) and Lakeshore Railcar (#521). NOVS were sent to these IUs on January 4, 2021 (\$2,000 fine) and December 15, 2020 (1,000 fine), respectively. No other violations were noted during the 4th quarter of 2020 pretreatment monitoring by the District or IU self-monitoring reports. The violations at the IU noted above were handled in accordance with the Sanitary District's Response Plan and Sewer Ordinance.

A Quarterly Summary Report summarizing the analytical results of sampling completed October 1 through December 31, 2020 for Safety-Kleen's violations is included as an attachment to this letter. This summary provides the dates and analytical results of the pretreatment monitoring for this. Analytical results that exceed the local or categorical limit are highlighted. Copies of the NOV letters issued to the violating IUs are also attached.

Quarterly Pretreatment Monitoring Report Summaries for IUs with NOVs

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Oct 31, 2020

Industry Name:

Electric Coating Technologies

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/06/20	6.8	10/06/20	0.0046	10/06/20	0.0002	10/06/20	0.0056	10/06/20	0.0002
Sample #2 Date, Result	10/20/20	8.7			10/20/20	0.0020	10/20/20	0.0100	10/20/20	0.0050
Sample #3 Date, Result										
Minimum		6.8		0.0046		0.0002		0.0056		0.0002
Maximum		8.7		0.0046		0.0020		0.0100		0.0050
Average		7.8		0.0046		0.0011		0.0078		0.0026

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/06/20	0.0376	10/06/20	0.0039	10/06/20	0.0001	10/06/20	0.0039	10/06/20	0.2050
Sample #2 Date, Result	10/20/20	0.0190	10/20/20	0.0100	10/20/20	0.0050	10/20/20	0.0100	10/20/20	0.1300
Sample #3 Date, Result										
Minimum		0.0190		0.0039		0.0001		0.0039		0.1300
Maximum		0.0376		0.0100		0.0050		0.0100		0.2050
Average		0.0283		0.0070		0.0026		0.0070		0.1675

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/06/20	0.0100			10/06/20	0.5000	10/06/20	0.0001	10/06/20	0.1800
Sample #2 Date, Result	10/20/20	0.0079			10/20/20	0.1500	10/20/20	0.0020	10/20/20	0.5100
Sample #3 Date, Result										
Minimum		0.0079				0.1500		0.0001		0.1800
Maximum		0.0100				0.5000		0.0020		0.5100
Average		0.0090				0.3250		0.0011		0.3450

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/06/20	0.0500	10/06/20	0.0500	10/06/20	0.0000	10/06/20	0.0020	10/06/20	5.0000
Sample #2 Date, Result	10/20/20	0.0500	10/20/20	0.0100	10/20/20	0.0100			10/20/20	5.2000
Sample #3 Date, Result										
Minimum		0.0500		0.0100		0.0000		0.0020		5.0000
Maximum		0.0500		0.0500		0.0100		0.0020		5.2000
Average		0.0500		0.0300		0.0050		0.0020		5.1000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	10/06/20	0.0150	10/06/20	0.0050	10/06/20	0.0100	10/20/20	0.0050		
Sample #2 Date, Result	10/20/20		10/20/20	0.0020	10/20/20	0.0080				
Sample #3 Date, Result										
Minimum		0.0150		0.0020		0.0080		0.0050		
Maximum		0.0150		0.0050		0.0100		0.0050		
Average		0.0150		0.0035		0.0090		0.0050		

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result			10/06/20	22.5000			10/06/20	4.00		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				22.5000				4.00		
Maximum				22.5000				4.00		
Average				22.5000				4.00		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Oct 31, 2020

Industry Name:

Electric Coating Technologies

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
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Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
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Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

***Site Specific Limit**

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

****If not specified, the unit is in mg/L**

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

 - Indicates an exceedance for the highlighted sample.

Cadmium*	mg/L	0.07	0.0011	0
Chromium*	mg/L	1.71	0.0050	0
Copper*	mg/L	2.07	0.0078	0
Nickel*	mg/L	2.38	0.0070	0
Silver*	mg/L	0.24	0.0026	0
Zinc*	mg/L	1.48	0.1675	0
Lead*	mg/L	0.43	0.0026	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2020 to Dec 31, 2020

Industry Name:

Electric Coating Technologies

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/03/20	7.3	11/03/20	0.0024	11/03/20	0.0002	11/03/20	0.0108	11/03/20	0.0002
Sample #2 Date, Result	12/02/20	7.2	12/02/20	0.0005	12/02/20	0.0002	12/02/20	0.0064	12/02/20	0.0002
Sample #3 Date, Result										
Minimum		7.2		0.0005		0.0002		0.0064		0.0002
Maximum		7.3		0.0024		0.0002		0.0108		0.0002
Average		7.3		0.0014		0.0002		0.0086		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/03/20	0.0211	11/03/20	0.0028	11/03/20	0.0001	11/03/20	0.0028	11/03/20	0.0172
Sample #2 Date, Result	12/02/20	0.0337	12/02/20	0.0205	12/02/20	0.0001	12/02/20	0.0205	12/02/20	3.4600
Sample #3 Date, Result										
Minimum		0.0211		0.0028		0.0001		0.0028		0.0172
Maximum		0.0337		0.0205		0.0001		0.0205		3.4600
Average		0.0274		0.0116		0.0001		0.0116		1.7386

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/03/20	0.0100			11/03/20	0.5000	11/03/20	0.0001	11/03/20	0.1200
Sample #2 Date, Result	12/02/20	0.0200			12/02/20	0.5000	12/02/20	0.0001	12/02/20	0.1000
Sample #3 Date, Result										
Minimum		0.0100				0.5000		0.0001		0.1000
Maximum		0.0200				0.5000		0.0001		0.1200
Average		0.0150				0.5000		0.0001		0.1100

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/03/20	0.0500	11/03/20	0.0500	11/03/20	0.0000	11/03/20	0.0020	11/03/20	5.0000
Sample #2 Date, Result	12/02/20	0.0500	12/02/20	0.0300	12/02/20	0.0000	12/02/20	0.0020	12/02/20	5.0000
Sample #3 Date, Result										
Minimum		0.0500		0.0300		0.0000		0.0020		5.0000
Maximum		0.0500		0.0500		0.0000		0.0020		5.0000
Average		0.0500		0.0400		0.0000		0.0020		5.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	11/03/20		11/03/20	0.0050	11/03/20	0.0100				
Sample #2 Date, Result	12/02/20		12/02/20	0.0050	12/02/20	0.0200				
Sample #3 Date, Result										
Minimum				0.0050		0.0100				
Maximum				0.0050		0.0200				
Average				0.0050		0.0150				

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result			11/03/20	13.4000			11/03/20	2.00		
Sample #2 Date, Result			12/02/20	31.6000			12/02/20	3.00		
Sample #3 Date, Result										
Minimum				13.4000				2.00		
Maximum				31.6000				3.00		
Average				22.5000				2.50		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2020 to Dec 31, 2020

Industry Name:

Electric Coating Technologies

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0002	0
Chromium*	mg/L	1.71	0.0000	0
Copper*	mg/L	2.07	0.0086	0
Nickel*	mg/L	2.38	0.0116	0
Silver*	mg/L	0.24	0.0001	0
Zinc*	mg/L	1.48	1.7386	0
Lead*	mg/L	0.43	0.0002	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

***Site Specific Limit**

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

****If not specified, the unit is in mg/L**

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

 - Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Dec 31, 2020

Industry Name:		Lakeshore Railcar & Tanker Services									
		Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/13/20	7.6	10/13/20	0.0044	10/13/20	0.0041	10/13/20	0.0087	10/13/20	0.0039	
Sample #2 Date, Result	10/28/20	8.6	10/14/20	0.0036	10/14/20	0.0042	10/14/20	0.0089	10/14/20	0.0040	
Sample #3 Date, Result	11/04/20	9.4	10/28/20	0.0065	10/28/20	0.0038	10/28/20	0.0210	10/28/20	0.0066	
Minimum		7.6		0.0036		0.0038		0.0087		0.0039	
Maximum		9.4		0.0065		0.0042		0.0210		0.0066	
Average		8.5		0.0048		0.0040		0.0129		0.0048	

		Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/13/20	0.0068	10/13/20	0.0140	10/13/20	0.0005	10/14/20	0.0007	10/13/20	0.5250	
Sample #2 Date, Result	10/14/20	0.0067	10/14/20	0.0150	10/14/20	0.0001			10/14/20	0.5600	
Sample #3 Date, Result	10/28/20	0.0126	10/28/20	0.0182	10/28/20	0.0001			10/28/20	1.3400	
Minimum		0.0067		0.0140		0.0001		0.0007		0.5250	
Maximum		0.0126		0.0182		0.0005		0.0007		1.3400	
Average		0.0087		0.0157		0.0002		0.0007		0.8083	

		Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/13/20	0.0500	10/13/20	0.0500	10/13/20	0.2000	10/13/20	0.00010	10/13/20	1.1000	
Sample #2 Date, Result	10/14/20	0.0200	10/14/20	0.0020	10/14/20	0.2500	10/28/20	0.00010	10/14/20	1.1000	
Sample #3 Date, Result	10/28/20	0.0500	10/28/20	0.0500	10/28/20	0.6000	11/04/20	0.00010	10/28/20	0.4200	
Minimum		0.0200		0.0020		0.2000		0.00010		0.4200	
Maximum		0.0500		0.0500		0.6000		0.00010		1.1000	
Average		0.0400		0.0340		0.3500		0.00010		0.8733	

		Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/13/20	0.2100	10/13/20	0.0300	10/13/20	0.0000	10/13/20	0.0075	10/13/20	5.00	
Sample #2 Date, Result	10/28/20	0.2200	10/14/20	0.0100	10/14/20	0.0000	10/14/20	0.0015	10/28/20	5.00	
Sample #3 Date, Result	11/04/20	0.2400	10/28/20	0.0300	10/28/20	0.0000	10/28/20	0.0036	11/04/20	5.00	
Minimum		0.2100		0.0100		0.0000		0.0015		5.00	
Maximum		0.2400		0.0300		0.0000		0.0075		5.00	
Average		0.2233		0.0233		0.0000		0.0042		5.00	

		Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result			10/13/20	0.0050			10/13/20	5.0000	10/13/20	0.0500	
Sample #2 Date, Result			10/28/20	0.0050			10/14/20	1.5000	10/14/20	0.0020	
Sample #3 Date, Result			11/04/20	0.0050			10/28/20	5.0000	10/28/20	0.0500	
Minimum				0.0050				1.5000		0.0020	
Maximum				0.0050				5.0000		0.0500	
Average				0.0050				3.8333		0.0340	

		Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					10/13/20	6.00			10/13/20	104.00	
Sample #2 Date, Result					10/28/20	8.00			10/28/20	177.00	
Sample #3 Date, Result					11/04/20	32.00			11/04/20	384.00	
Minimum						6.00				104.00	
Maximum						32.00				384.00	
Average						15.33				221.67	

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Dec 31, 2020

Industry Name:		Lakeshore Railcar & Tanker Services									
	Antimony		Cobalt		Titanium		Vanadium		Carbazole		
Sample #1 Date, Result	10/13/20	0.0020	10/13/20	0.0010	10/13/20	0.0100	10/13/20	0.0500	10/13/20	0.0500	
Sample #2 Date, Result	10/28/20	0.0020	10/28/20	0.0020	10/28/20	0.0100	10/28/20	0.0500	10/28/20	0.0500	
Sample #3 Date, Result	11/04/20	0.0040	11/04/20	0.0020	11/04/20	0.0100	11/04/20	0.0500	11/04/20	0.1000	
Minimum		0.0020		0.0010		0.0100		0.0500		0.0500	
Maximum		0.0040		0.0020		0.0100		0.0500		0.1000	
Average		0.0027		0.0017		0.0100		0.0500		0.0667	

		o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result	10/13/20	0.1000	10/13/20	0.1000	10/13/20	0.0500	10/13/20	0.0500	10/13/20	0.0500	
Sample #2 Date, Result	10/28/20	0.1000	10/28/20	0.1000	10/28/20	0.0500	10/28/20	0.0500	10/28/20	0.0500	
Sample #3 Date, Result	11/04/20	0.2000	11/04/20	0.2000	11/04/20	0.1000	11/04/20	0.1000	11/04/20	0.1000	
Minimum		0.1000		0.1000		0.0500		0.0500		0.0500	
Maximum		0.2000		0.2000		0.1000		0.1000		0.1000	
Average		0.1333		0.1333		0.0667		0.0667		0.0667	

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Oct 31, 2020

Industry Name:

Safety Kleen Systems

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/12/20	8.0	10/12/20	0.0086			10/12/20	0.0041	10/12/20	0.00073
Sample #2 Date, Result	10/27/20	6.8	10/27/20	0.0075			10/27/20	0.0114	10/27/20	0.00136
Sample #3 Date, Result										
Minimum		6.8		0.0075				0.0041		0.0007
Maximum		8.0		0.0086				0.0114		0.0014
Average		7.4		0.0081				0.0078		0.0010

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/12/20	0.21100	10/12/20	0.03260					10/12/20	0.0933
Sample #2 Date, Result	10/27/20	0.04170	10/27/20	0.01740					10/27/20	0.1620
Sample #3 Date, Result										
Minimum		0.0417		0.0174						0.0933
Maximum		0.2110		0.0326						0.1620
Average		0.1264		0.0250						0.1277

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/12/20	0.1000	10/12/20	0.100	10/12/20	2.10	10/12/20	0.00010	10/12/20	66.20
Sample #2 Date, Result	10/27/20	0.1000	10/27/20	0.100	10/27/20	1.10	10/27/20	0.00032	10/27/20	40.50
Sample #3 Date, Result										
Minimum		0.1000		0.1000		1.1000		0.0001		40.5000
Maximum		0.1000		0.1000		2.1000		0.0003		66.2000
Average		0.1000		0.1000		1.6000		0.0002		53.3500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/12/20	0.1900	10/12/20	0.1700	10/12/20	0.0000	10/12/20	0.2100	10/12/20	7.8000
Sample #2 Date, Result	10/27/20	0.3800	10/27/20	0.1300	10/27/20	0.0100	10/27/20	0.2700	10/27/20	278.0000
Sample #3 Date, Result										
Minimum		0.1900		0.1300		0.0000		0.2100		7.8000
Maximum		0.3800		0.1700		0.0100		0.2700		278.0000
Average		0.2850		0.1500		0.0050		0.2400		142.9000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			10/12/20	0.01					10/12/20	580.00
Sample #2 Date, Result			10/27/20	0.01					10/27/20	1,090.00
Sample #3 Date, Result										
Minimum				0.0050						580.00
Maximum				0.0050						1,090.00
Average				0.0050						835.00

	TDS		TSS	
Sample #1 Date, Result			10/12/20	20.00
Sample #2 Date, Result			10/27/20	97.00
Sample #3 Date, Result				
Minimum				20.00
Maximum				97.00
Average				58.50

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Oct 31, 2020

Industry Name:

Safety Kleen Systems

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			10/12/20	0.0040					10/12/20	0.1000
Sample #2 Date, Result			10/27/20	0.0020					10/27/20	0.1000

Sample #3 Date, Result										
Minimum				0.0020						0.1000
Maximum				0.0040						0.1000
Average				0.0030						0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					10/12/20	0.1000	10/12/20	0.1000		
Sample #2 Date, Result					10/27/20	0.1000	10/27/20	0.8400		
Sample #3 Date, Result										
Minimum						0.1000		0.1000		
Maximum						0.1000		0.8400		
Average						0.1000		0.4700		

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Oct 01, 2020 to Oct 31, 2020

Industry Name:

Safety Kleen Systems

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0081	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0050	0
Cobalt	mg/L	0.1240	0.0030	0
Copper	mg/L	0.3010	0.0078	0
Lead	mg/L	0.1720	0.0010	0
Mercury	mg/L	0.000739	0.000210	0
Nickel	mg/L	1.4500	0.0250	0

Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	1	1
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	1	1

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

 - Indicates an exceedance for the highlighted sample.

Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1277	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.1000	0
n-Octadecane	mg/L	0.9250	0.4700	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2020 to Dec 31, 2020

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0027	0
Arsenic	mg/L	0.1040	0.0048	0
Cadmium	mg/L	0.0962	0.0040	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240	0.0017	0
Copper	mg/L	0.2420	0.0129	0
Lead	mg/L	0.1600	0.0048	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0157	0
Silver	mg/L	0.0351	0.0002	0
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618	0.0100	0
Vanadium	mg/L	0.0662	0.0500	0
Zinc	mg/L	0.6410	0.8083	1
Bis(2-ethylhexyl)phthalate	mg/L	0.1010	0.0400	0
Carbazole	mg/L	0.2760	0.0667	0
o-Cresol	mg/L	0.5610	0.1333	0
p-Cresol	mg/L	0.2050	0.1333	0
n-Decane	mg/L	0.4370	0.0667	0
Fluoranthene	mg/L	0.0268	0.0340	1
n-Octadecane	mg/L	0.3020	0.0667	0
2,4,6-Trichlorophenol	mg/L	0.1060	0.0667	0
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2020 to Nov 30, 2020

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/05/20	6.8	11/05/20	0.0080			11/05/20	0.0169	11/05/20	0.00108
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		6.8		0.0080				0.0169		0.0011
Maximum		6.8		0.0080				0.0169		0.0011
Average		6.8		0.0080				0.0169		0.0011

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/05/20	0.04990	11/05/20	0.01470					11/05/20	0.1440
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0499		0.0147						0.1440
Maximum		0.0499		0.0147						0.1440
Average		0.0499		0.0147						0.1440

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/05/20	0.1000	11/05/20	0.100	11/05/20	1.50	11/05/20	0.00010	11/05/20	63.50
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.1000		0.1000		1.5000		0.0001		63.5000
Maximum		0.1000		0.1000		1.5000		0.0001		63.5000
Average		0.1000		0.1000		1.5000		0.0001		63.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/05/20	0.2700	11/05/20	0.0500	11/05/20	0.0200	11/05/20	0.0430	11/05/20	21.2000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.2700		0.0500		0.0200		0.0430		21.2000
Maximum		0.2700		0.0500		0.0200		0.0430		21.2000
Average		0.2700		0.0500		0.0200		0.0430		21.2000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			11/05/20	0.01					11/05/20	512.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0050						512.00
Maximum				0.0050						512.00
Average				0.0050						512.00

	TDS		TSS	
Sample #1 Date, Result			11/05/20	63.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				63.00
Maximum				63.00
Average				63.00

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2020 to Nov 30, 2020

Industry Name:

Safety Kleen Systems

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			11/05/20	0.0020					11/05/20	0.1000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0020						0.1000
Maximum				0.0020						0.1000
Average				0.0020						0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					11/05/20	0.1000	11/05/20	0.1000		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.1000		0.1000		
Maximum						0.1000		0.1000		
Average						0.1000		0.1000		

East Chicago Sanitary District: Waste Water Division **Pretreatment Monitoring Report**

Nov 01, 2020 to Nov 30, 2020

Industry Name:

Safety Kleen Systems

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0080	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0200	0
Cobalt	mg/L	0.1240	0.0020	0
Copper	mg/L	0.3010	0.0169	0
Lead	mg/L	0.1720	0.0011	0
Mercury	mg/L	0.000739	0.000100	0
Nickel	mg/L	1.4500	0.0147	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1440	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.1000	0
n-Octadecane	mg/L	0.9250	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

 - Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2020 to Dec 31, 2020

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	TDS		TSS	
Sample #1 Date, Result				
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				
Maximum				
Average				

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Dec 01, 2020 to Dec 31, 2020

Industry Name:

Safety Kleen Systems

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East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Dec 01, 2020 to Dec 31, 2020

Industry Name:

Safety Kleen Systems

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040		
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870		
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010		
Lead	mg/L	0.1720		
Mercury	mg/L	0.000739		
Nickel	mg/L	1.4500		
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410		
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

 - Indicates an exceedance for the highlighted sample.

Notices of Violations – 4th Quarter 2020



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

January 4, 2021

Mr. Kenneth Paxson
Electric Coating Technologies LLC
East Chicago Enterprise Center
4407 Railroad Avenue
Building #3
East Chicago, IN 46312

Re: Notice of Violation –Non-Compliance with Discharge Permit Outfall No. 312

Dear Mr. Paxson:

On December 2, 2020, District personnel collected a sample of effluent from Outfall No. 312. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Categorical Limit for zinc is 2.61 mg/L was exceeded; analytical result reported was 3.46 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$2,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com

Sincerely,

Henry Padilla
Pretreatment Assistant

Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Mr. Joseph Allegretti, ECSD Counsel

File ECT #312/Enforcement

312312 NOV 01-04-21 (zn on 12-02-20)



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

December 15, 2020

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On November 4, 2020 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Categorical Limit for Zinc is 2.87 mg/L; analytical result reported was 7.58 mg/L

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$1,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Henry Padilla".

Henry Padilla
Pretreatment Assistant

A handwritten signature in black ink, appearing to read "Kenneth L. Myers".

Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

October 28, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On October 12, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).


- Categorical Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.21 mg/L.

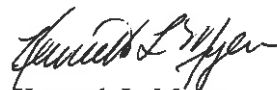
Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File – Safety-Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

November 13, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On October 27, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Categorical Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.27 mg/L.
- Categorical Limit for Mercury is 0.0002 mg/L; analytical result reported is 0.00032 mg/L.
- Local Limit for Oil and Grease is 117 mg/L; analytical result reported is 278 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$7,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

December 15, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On November 5, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.043 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement